



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBST4241-9
Job Sheet 199259



Part No: RBST4241-9

Job Qty: 4 pcs

Part Name: Pin



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/15/19

Job Tracking No:

Due Date: 10/7/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBST4241 Rev 1 IPP Rev. A 19.08.15 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Conventional Lathe - 1	4		10/7/19	0.00	2.00	Conventional Lathe - 1		
		pcs					Conventional Lathe - 2		
120	QC 2	4		10/7/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S217127



Part: RBST4241-9

Job No: 199259

Serial No/Batch: S217127

Revision: 1

Inspector:

Exp Date:

Instructions:

Date: 08/25/19

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					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
130	Conventional Mill - 1 - B4B	4 pcs	10/7/19	0.00 1.00	Conventional Mill - 1 - B4B	/
					Conventional Mill - 2 - B4B	
140	QC 2	4 pcs	10/7/19	0.00 0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	/19/9/26
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
150	QC 8	4 pcs	10/7/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
	QC 8 - 8	/s.e 19-09-26				
					Plex 8/15/19 1:28 PM Dart.lajeunesse.marie	

				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
180	Outsource - 12 - Black Oxide	4 pcs	10/7/19	GRO002-VC	5
				2019-10-01	
190	Packaging 2-1 - Receive - B4B	4 pcs	10/7/19	0.00 0.00	
				Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
200	QC 6	4 pcs	10/7/19	0.00 0.00	
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
				DAS 61 9-89	
210	Packaging 3-1 - Stock - B4B	4 pcs	10/7/19	0.00 0.00	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				DAS 28 9-89	

				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
220 QC 21 - SA	4	10/7/19	0.00 0.00	QC 21 - SA - 21	DAS
	pcs			QC 21 - SA - 70	21
				QC 21 - SA - 53	9-09

OCT 16 2019

Part Op 110 - (Manufacture as per dwg) 1-Machine as per DWG. 2-Debur
 Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (Manufacture as per dwg)
 140 - (QC2- Inspect parts off machine FAI/FAIB)
 150 - (QC8- Inspect parts - second check)
 180 - -Issue P/O; 44641 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type;
 -Certificate of Conformity is required
 190 - (Receive & Inspect for Damage & Mat'l Certs)
 200 - (QC6- All purchased or subcontracted products)
 210 - (Identify as per dwg & Stock Location: _____)
 220 - (QC21- Final Inspection - Work Order Release)

GA138

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
98378A909	Perforator Pin .129" X 2-1/2"	2 Ea (.5 ea)	110-Conventional Lathe - 1	S0092910 / S216679(2)

5A041

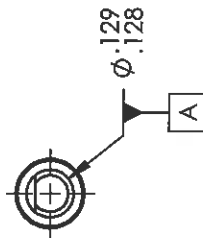
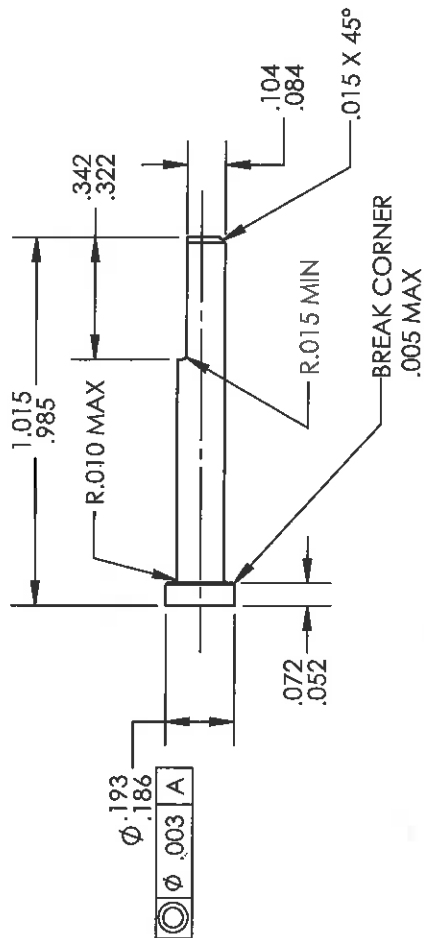
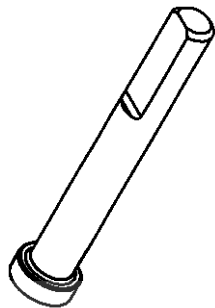
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Conventional Lathe - 1	98378A909	2	0	0

Part Specifications

Specifications could not be found.

REVISIONS		APPROVED	
DESCRIPTION	DATE	INITIAL	APPROVED



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WITHOUT NOTICE

WORK ORDER
NO. 19975 MS
1908-05

⑨

PIN

S216679



DRILL PRESS SWAGING TOOL

DWG NO.	RBST4241-9	REV	1
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WAT'L STEEL	UNLESS OTHERWISE SPECIFIED	
REAR	DIMENSIONS ARE IN INCHES	
FRONT	FRACTIONS $\frac{1}{8}$	
SPEC	XX $\pm .005$	
FINISH	XX $\pm .01$	
BLACK OXIDE	XX $\pm .1$	
QMSI:6.2.2 B.O. REV D	SURFACES = 125	
DRAWN BY: DD 04/05/2017	1. BREAK ALL SHARP EDGES	
CHECKED: SM 04/05/2017	2. DIMENSIONAL LIMITS APPLY	
APPROPS APPR: AA 04/05/2017	3. INTERPRET DIM AND TOL PER ASME Y14.3M-2009	
QA APPR: JL 04/05/2017	USED ON MODEL	
APPROVED: JAG 04/06/2017		
SCALE 2:1	DATE 4/5/2017	SHEET 6 OF 9



Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____		DISPOSITION		DEPARTMENT/PROCESS							
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐		Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐	
Date :	Sequence #:	QTY Affected :		MRB (QS1042)							
Description Work Order Deviation				Disposition							
Root Cause				FAULT CATEGORY							
Operator ☐				Pressure/Forced ☐		Contamination ☐		Power Loss/Surge ☐		Positioned Wrong ☐	
Manufacturing Process ☐				Bending ☐		Misaligned/off center ☐		Folio/Program ☐		Outside Tolerance ☐	
Equip/Tooling ☐				Crushing ☐		BOM/Route ☐		Grain Direction ☐		Drawing ☐	
Handling/Preservation ☐				Cracks ☐		Broken/Damage/Defect ☐		Weld ☐		Finish ☐	
Material ☐				Crimp/Kink/Ripple/Wave/Twist ☐		Incomplete/Unclear Instructions ☐		Wrong Stock Pulled ☐		Part Lost/Missing ☐	
Product Improvement ☐				Marks/Chatter ☐		Drill Holes ☐		Out of Sequence ☐		Misread ☐	
Process Improvement ☐				Mislabeled ☐		Fit/Function ☐		Off-set/Set-up ☐			
Human Factors ☐				Other/Details:							
Completed By				Lead hand / Supervisor							
QC / QA Coordinator											



Dart Aerospace Ltd.
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Tel (613) 632-5200

PURCHASE ORDER

POHB044641



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044641
PO Date: 10/1/19
Due Date: 10/9/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pynt Terms: Net 60

Freight Terms:
Special Comments:

E-MAILED
2019-10-02

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198410	RB 92700-10310-041-3	Plate -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed X4	-	10/9/19	4 pcs	0 pcs	4 pcs	\$5.85/pcs	\$23.40
2	200723	RBW5605G00251-3G-1	Hook -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; O1 -Certificate of Conformity is required	Firmed X9	-	10/9/19	9 pcs	0 pcs	9 pcs	\$1.34/pcs	\$12.06

Plex 10/2/19 9:16 AM Dart.Guerin.Kimberley



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PURCHASE ORDER

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Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	199259	RBST4241-9	Pin -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; -Certificate of Conformity is required	Firmed X4	-	10/9/19	4 pcs	0 pcs	4 pcs	\$1.34/pcs	\$5.36
4	199142	RBW6522A00231-W142AJ-3T-5B	Cover (Outside Processing - Black Oxide) -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed X2	-	10/9/19	2 pcs	0 pcs	2 pcs	\$1.34/pcs	\$2.68
5	199046	RBW6510G05731-6F-1	Base Plate -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed X6	-	10/9/19	6 pcs	0 pcs	6 pcs	\$7.85/pcs	\$47.10

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Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	199048	RBW6510G05731-6F-3	Reaction Mount -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed X6	-	10/9/19	6 pcs	0 pcs	6 pcs	\$3.28/pcs	\$19.68
7	199039	RBW5610G04631-6F-8	Bracket Pin -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed X5	-	10/9/19	15 pcs	0 pcs	15 pcs	\$1.40/pcs	\$21.00
8	200724	RBW5605G00251-3G-2	Shank -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed X9	-	10/9/19	9 pcs	0 pcs	9 pcs	\$1.53/pcs	\$13.77
Grand Total:											\$145.05

OCT 11 2019

OCT 04 2019

OCT 04 2019



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Canada

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PURCHASE ORDER

POHB044641



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/2/19 9:16 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(022883-3)

2455, Rue Halpern | Saint-Laurent [Québec] H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupepaltech.com

Bon de Livraison / Packing Slip

022883 - 3

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

Tel.: 613-632-5200 Fax:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
10-Oct-2019		Jigar Patel		POHB044641				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap	À venir/ Back Order
3	RBST4241-9 Rev.	RBST4241-9 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	4	4	0	0	0
4	RBW6522A00231-W142AJ-3T-5B Rev.	RBW6522A00231-W142AJ-3T-5B OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	2	2	0	0	0
5	RBW6510G05731-6F-1 Rev.	RBW6510G05731-6F-1 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	6	6	0	0	0
6	RBW6510G05731-6F-3 Rev.	RBW6510G05731-6F-3 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	6	6	0	0	0

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RECEIVED

OCT 10 2019

DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.